

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process for tuft and filament binding to an unfinished carpet to provide a coated carpet, which comprises

applying a coating composition which comprises from 50% to 100% by weight of one or more substantially amorphous poly- α -olefins as a melt to the backside of the unfinished carpet in a coating weight amount of from 20 to 1,500 g/m² to bind the tuft and filament to the unfinished carpet,

wherein the melt viscosity of the coating composition at 190°C is from 200 mPas to 20,000 mPas, and wherein the substantially amorphous poly- α -olefin comprises at least one selected from the group consisting of atactic poly-1-butene, propene-ethene copolymer, propene-1-butene copolymer, 1-butene-ethene copolymer and propene-1-butene-ethene terpolymer.

Claim 2 (Original): The process according to claim 1, wherein the substantially amorphous poly- α -olefin comprises polymerized monomer units of

from 0% to 100% by weight of one or more poly- α -olefins having 4 to 10 carbon atoms,

from 0% to 100% by weight of propene, and

from 0% to 20% by weight of ethene.

Claim 3 (Original): The process according to claim 1, wherein the substantially amorphous poly- α -olefin comprises polymerized monomer units of

from 0% to 80% by weight of one or more poly- α -olefins having 4 to 10 carbon atoms,

from 20% to 100% by weight of propene, and

from 0% to 20% by weight of ethene.

Claim 4 (Canceled).

Claim 5 (Currently Amended): The process according to claim 1, wherein the substantially amorphous poly- α -olefin has a softening point between 70 and ~~165°C~~ 150°C, a melt viscosity between 2,000 and 200,000 mPas at 190°C, a density of less than 0.90 g/cm³ and a needle penetration between 3 and 50 x 0.1 mm.

Claim 6 (Original): The process according to claim 1, wherein the coating composition comprises from 60% to 98% by weight of the substantially amorphous poly- α -olefin.

Claim 7 (Original): The process according to claim 1, wherein the coating composition further comprises one or more of

from 0% to 5% by weight of a crystalline polyolefin,

from 0% to 40% by weight of a resin,

from 0% to 35% by weight of fillers or pigments,

from 0% to 10% by weight of a flame retardant other than magnesium hydroxide or aluminum hydroxide, or

from 0% to 15% by weight of a wax.

Claim 8 (Original): The process according to claim 1, wherein the coating composition further comprises from 0% to 10% by weight of wax.

Claim 9 (Original): A process according to claim 1, wherein the coating composition further comprises from 0% to 7% by weight of wax.

Claim 10 (Original): A carpet produced by the process of claim 1.

Claim 11 (Original): The process according to claim 1, wherein the coating composition is applied at a temperature of from 100 to 190°C.

Claim 12 (Currently Amended): The process according to claim 1, wherein the coated carpet ~~material~~ is cured without drying.

Claim 13 (Original): The process according to claim 1, wherein the coating composition hardens below 100°C.

Claim 14 (Original): The process according to claim 1, wherein the carpet comprises polypropylene.

Claim 15 (Original): The process according to claim 1, further comprising heating the carpet before applying the coating composition.

Claim 16 (Original): The process of claim 1, wherein the coating composition is maintained at a temperature above its melting point after application to the carpet.

Claim 17 (Original): The process according to claim 1, wherein the coating composition hardens without evaporation of a solvent.

Claim 18 (Original): The process according to claim 1, wherein the coating composition does not contain water.

DISCUSSION OF THE AMENDMENT

Claim 1 has been amended by incorporating the subject matter of Claim 4, except atactic polypropylene therein, and by reciting that the process is --to provide a coated carpet-- . Claim 4 has been cancelled. Claim 5 has been amended by lowering the maximum softening point, as supported in the specification at page 5, line 14. Claim 12 has been amended by deleting the word "material".

No new matter is believed to have been added by the above amendment. Claims 1-3 and 5-18 are now pending in the application.